

# Whatcom County

<http://www.co.whatcom.wa.us/index.jsp>

Demographics		2002 Estimates (Except Where Noted)	Other Whatcom County Facts		
Washington State Population:	6,041,700		Percent in Households where English is Spoken Less than "Very Well" (Population Age 5 and Above, 2000):	3.0% - 6.4%	
County Population:	172,200		Military Bases within County:	None	
County Population Density (persons/sq mi):	81.24		Universities/Community Colleges:	Western Washington University Northwest Indian College Bellingham Technical College Whatcom Community College	
Total County Households:	76,977		Land area of County (square miles):	2,119.5	
2000 Per Capita Personal Income (Inflation-Adjusted to 2000 Dollars):	\$22,000 and above		Native American Tribes	Lummi Nation	Nooksack Tribe
Percent of county households with income below the poverty level, 1999:	14			Yes	Yes
<b>Whatcom County Government Legislative Authority</b>			Federally Recognized (Yes/No):	Yes	Yes
Type of Body	Home Rule Charter		Size of Tribal Land (Acres):	21,000	2,500
Number of Members	7 Member County Council and 1 County Executive		Reservation or Land Trust Population, 2000:	4,193	547
Term	4 years		Treaty or Reservation Instrument:	Executive Order, 1855	Federally Recognized, 1973
Meeting Date and Time	County Council meets every other Tuesday evening (with the exception of a break in August and December) at 7:00 pm				
Meeting Location	Council Chambers at the Courthouse				
<b>Populations and Land Areas for Whatcom County Municipalities, 2002</b>					
Unincorporated Population (est. 2002)	16,290		<b>Whatcom County Population by Selected Categories, 2002</b> Washington State Office of Financial Management Estimated Whatcom County Population, 2002 = 172,200		
Incorporated Population (est. 2002)	39,110				
Municipalities	Population (est. 2002)	2002 Land Area (sq. mi.)	2002 Est. Density (pop/sq. mi.)	<p>All 5 Other Incorporated Municipalities: 16,842</p> <p>Unincorporated: 76,718</p> <p>Bellingham: 69,260</p> <p>Lynden: 9,380</p>	
Bellingham	69,260	27.441	2,523.97		
Blaine	3,975	5.695	698.01		
Everson	2,015	1.118	1,801.80		
Ferndale	8,925	7.263	1,228.75		
Lynden	9,380	4.136	2,267.67		
Nooksack	920	0.687	1,339.40		
Sumas	1,007	1.319	763.71		

## Whatcom County Solid Waste Contacts, 2003:

Departments:	Whatcom County Public Works	Whatcom County Public Works	Whatcom County Public Works	Whatcom County Public Works	Whatcom County Public Works	Whatcom County Health District
<b>Name:</b>	Bruce Roll	Penni Lemperes	Penni Lemperes	Penni Lemperes	Penni Lemperes	Don Vesper
<b>Title:</b>	Director	Solid Waste Specialist	MRW Contact	Recycling Contact	Litter Contact	Environmental Health Director/Solid Waste Contact
<b>E-mail Address:</b>	<a href="mailto:broll@co.whatcom.wa.us">broll@co.whatcom.wa.us</a>	<a href="mailto:plempere@co.whatcom.wa.us">plempere@co.whatcom.wa.us</a>	<a href="mailto:plempere@co.whatcom.wa.us">plempere@co.whatcom.wa.us</a>	<a href="mailto:plempere@co.whatcom.wa.us">plempere@co.whatcom.wa.us</a>	<a href="mailto:plempere@co.whatcom.wa.us">plempere@co.whatcom.wa.us</a>	<a href="mailto:dvesper@co.whatcom.wa.us">dvesper@co.whatcom.wa.us</a>
<b>Web Site:</b>	<a href="http://www.co.whatcom.wa.us/publicworks/index.jsp">http://www.co.whatcom.wa.us/publicworks/index.jsp</a>	<a href="http://www.co.whatcom.wa.us/publicworks/solidwaste/index.jsp">http://www.co.whatcom.wa.us/publicworks/solidwaste/index.jsp</a>	<a href="http://www.co.whatcom.wa.us/publicworks/solidwaste/recycle.jsp">http://www.co.whatcom.wa.us/publicworks/solidwaste/recycle.jsp</a>	<a href="http://www.co.whatcom.wa.us/publicworks/solidwaste/recycle.jsp">http://www.co.whatcom.wa.us/publicworks/solidwaste/recycle.jsp</a>	<a href="http://www.co.whatcom.wa.us/publicworks/solidwaste/index.jsp">http://www.co.whatcom.wa.us/publicworks/solidwaste/index.jsp</a>	<a href="http://www.co.whatcom.wa.us/health/environmental/index.jsp">http://www.co.whatcom.wa.us/health/environmental/index.jsp</a>
<b>Mailing Address:</b>	322 N. Commercial Street, Suite 210 Bellingham, Washington 98225	322 N. Commercial Street, Suite 210 Bellingham, Washington 98225	322 N Commercial Suite 220 Bellingham, WA 98226	322 N. Commercial Street, Suite 210 Bellingham, Washington 98225	322 N. Commercial Suite 220 Bellingham, WA 98225	509 Girard Street Bellingham, WA 98225
<b>Phone Number:</b>	(360) 676-6692	(360) 676-7695	(360) 380-4640	(360) 676-7695	(360) 676.7695	(360) 676-6724
<b>Fax Number</b>						
<b>TDD:</b>	(360) 738-4555					

Whatcom County Solid Waste and Moderate Risk Waste Planning Status, 2003				Coordinated Prevention Grants (CPG) 2002 – 2003 Grant Cycle: Funding by Task in Dollars			
County Comprehensive Solid Waste Management Plan: Current Status (Yes/No)		Yes		Grant Fundable Activity	Recipient		Total
					Whatcom County		
				Hazardous Waste Planning and Evaluation	—		0
Year Approved:		1999		Household Hazardous Waste Implementation (of county plan)	5,161		5,161
Waste Reduction/Recycling Goal:		50% diversion		Household Hazardous Waste Collection and Disposal	212,461		212,461
				Moderate Risk Waste – Capital (costs)	—		0
Comments: NONE				Small Quantity Generator (technical assistance and education)	7,411		7,411
				Solid Waste Planning	—		0
Moderate Risk Waste Plan: Year Current MRW Plan Approved:		1991		Solid Waste Enforcement	120,000		120,000
				Ground Water Monitoring Wells	—		0
MRW Plan Combined with County’s Comprehensive Solid Waste Management Plan? (Yes/No)		No		Waste Reduction and Recycling Activities	162,065		162,065
				Waste Reduction and Recycling Capital (costs)	—		0
Comments: Whatcom County Public Works is lead on MRW.				Biomedical Waste	—		0
				Total	507,098		507,098
Pilot Grants 2002 – 2003 Cycle: Funding by Task in Dollars							
RECIPIENT	Electronics	Waste Reduction Recycling	Organics	Mercury	Waste Characterization Study	Sustainability	Portion of \$2Million Pilot Funding
NONE							
Total							

## Whatcom County Ordinances and Resolutions Related to Solid Waste

From Whatcom County Draft Solid Waste Management Plan:

Ordinance Number	General Ordinance Description
90-1	Established solid waste disposal district encompassing all unincorporated areas and cities within Whatcom County
90-09	Established a ten percent tax rate on solid waste collection
90-96	Formally created a solid waste collection district
90-95, 91-03, 91-54, 95-45	Modified the original service level ordinance to clarify intent and extend implementation timelines
91-41	Established county control over the disposal of solid waste within Whatcom county. It was later ruled unconstitutional
96-37	Exempted CDL from flow control
97-41	Established a weight-based excise tax based on disposal district taxing authority as the funding mechanism for the county solid waste programs.
2000-3, 2001-11	Imposing limits to accepting infectious waste at facilities in county
2000-21	Significant changes made to Whatcom county code 24.06, solid waste rules
2001-41	Amends chapter 8.10, solid waste and residential recycling collection service level ordinance per recommendations of WUTC
2002-21	Amends chapter 24.06 allowing sharps to be encapsulated for disposal
2002-33	Temporary amendment to title 20 establishing additional criteria on an interim basis for siting commercial composting as a conditional use within an agricultural Zone District
2002-050	Amends county code section 2.78 modifying membership make-up of the SWAC
2002-061	Emergency ordinance temporarily amending 20.40 establishing additional criteria for siting mushroom composting as a conditional use within the Agricultural Zoning District
2002-68	Amending 20.40 on an interim basis, to establish additional criteria for the siting of commercial mushroom composting as a conditional use within the Agricultural Zoning District
2003-027	Continuing the interim conditional use criteria adopted by ordinance 2002-68
2003-050	Continuing the interim conditional use criteria adopted by ordinance 2003-027
Resolution Number	General Resolution Description
90-51	indicated the intent of the county council to establish a solid waste collection district and requested the WUTC to investigate and make a finding as to the ability and willingness of the existing haulers to provide the required service

**Note:**

## Solid Waste Infrastructure in Whatcom County

### Permitted Solid Waste Handling Facilities in Whatcom County – March 2004

Facility Type	Name	Public/ Private	Owner
Drop Box Facility	Cedarville Drop Box	Public	Whatcom County
Drop Box Facility	Point Roberts Drop Box	Public	
Drop Box Facility	F and Roeder Drop Box	Private	
Drop Box Facility	Lynden Drop Box	Public	
Drop Box Facility	Birch Bay -Linden (Sanitary Service) Drop Box	Public	Whatcom County
Drop Box Facility	Sanitary Service Company	Private	
Drop Box Facility	Bellingham Yard Waste Drop Box	Public	
Drop Box Facility	Bellingham Yard Waste Drop Box	Public	
Drop Box Facility	Nooksack Valley Disposal Company	Private	
Transfer Station	Vactor Waste Transfer Station Facility	Public	City of Bellingham
Transfer Station	RECOMP of Washington	Private	RECOMP
Transfer Station	Recycling and Disposal Services	Private	RDS
Recycling Facility	American Recycling and Manufacturing	Private	
Recycling Facility	RECOMP of Washington	Private	
Recycling Facility	Henifin & Associates Inc	Private	
Recycling Facility	Barker's Wood chipping Service Inc	Private	
Recycling Facility	Freeman Wood Chipping Recycling	Private	
Moderate Risk Waste Fixed Facility	Newhalem Service Center / MRW Facility	Public	Seattle City Light
Moderate Risk Waste Fixed Facility	Bellingham / Disposal of Toxics - MRW	Public	Whatcom County
Limited Purpose/Special Use Facilities	BP Cherry Point Refinery	Private	BP Cherry Point Refinery
Limited Purpose/Special Use Facility	Intalco Aluminum Corp	Private	Intalco Aluminum Corporation
Sludge Utilization Facility	Lynden, City of	Public	
Pile Facility (Storage or Treatment)	Sumas Environmental, Inc. (PCS Treatment)	Private	Sumas Environmental, Inc.
Inert/Demolition Waste Facility	County Construction Recyclers, Inc.	Private	
Compost Facility	Green Earth Compost	Private	

**Note:**

### Disposal Site Summary for Whatcom County (reported in tons) – 2001

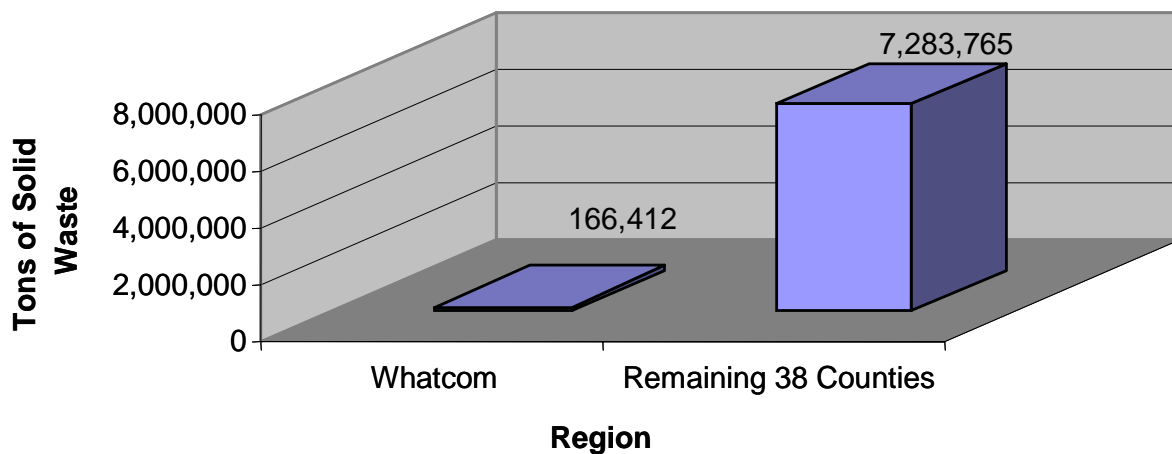
Facility	County	MSW	Demolition	Industrial	Inert	Commercial	Wood	Sludge	Asbestos	PCS	Tires	Medical	Other	TOTAL
Roosevelt Regional Landfill-MSW	Klickitat	73,206	79	1,371	—	—	213	—	151	304	—	—	—	75,324
Columbia Ridge, OR	Oregon	49,089	—	1,464	—	—	—	—	9	132	—	—	—	50,694
Graham Road Recycling & Disposal	Spokane	—	1	—	—	—	—	—	—	—	—	—	—	1
Intalco Aluminum Corp. Landfill	Whatcom	—	182	4,016	1,526	—	—	—	—	600	—	—	—	6,324
BP Cherry Point Refinery Landfill	Whatcom	—	—	2,873	—	—	—	—	—	535	—	—	—	3,408
County Construction Recyclers, Inc. Inert and Demolition Landfill	Whatcom	—	28,936	—	1,725	—	—	—	—	—	—	—	—	30,661
<b>County Total</b>		<b>122,295</b>	<b>29,198</b>	<b>9,724</b>	<b>3,251</b>	<b>0</b>	<b>213</b>	<b>0</b>	<b>160</b>	<b>1,571</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>166,412</b>

**2001 Disposal Site Capacity Summary for Solid Waste Facilities Accepting Waste Generated in Whatcom County, Including All Landfills and Energy Recovery**

DISPOSAL SITE	Disposal Site Location	Remaining Permitted Capacity - Tons	Remaining Permitted Capacity - Years	Anticipated Closure Date	Facility Reported Tip Fees
Roosevelt Regional Landfill-MSW	Klickitat	133,779,000	71	2073	\$19.75
Columbia Ridge, OR	Oregon	Unknown	Unknown	Unknown	Unknown
Graham Road Recycling & Disposal	Spokane	Unknown	60	2062	Unknown
Intalco Aluminum Corp. Landfill	Whatcom	Unknown	9	10/01/10	Unknown
BP Cherry Point Refinery Landfill	Whatcom	Unknown	9	2011	Unknown
County Construction Recyclers, Inc. Inert and Demolition Landfill	Whatcom	Unknown	2	2003	Unknown

**Tons of Solid Waste Disposed by Specific Regions 2001:  
Comparison of Whatcom County to Sum of Remaining 38  
Washington State Counties**

2001 Washington State Solid Waste Disposal Total = 7,450,177 tons  
(Source: Washington State Department of Ecology)



**Tons of Material Composted in Whatcom County (by permitted facility) – 2001**

Compost Facility Name	Yard waste	Other wood waste	Sawdust	Biosolids	Vegetative food waste	Manure	Post consumer food waste	Mixed municipal solid waste	Other	Total
Lynden, City of WWTP	75.00	2,520.00	4,032.00	507.00	—	—	—	—	—	7,134

**Notes:**

**Washington State Utilities and Transportation Commission (WUTC) Permitted Solid Waste Carriers  
in Whatcom County (November 4, 2002)**

Registered Trade Name of Solid Waste Company	Service Area	Certificate# (G permit)	Tariff #	Collect and Transport: MSW	Collect and Transport: Recyclables	Collect and Transport: Yard Waste	Residential Disposal Rates for Weekly Garbage Service by Container (Monthly charge in dollars)	Recycle Service Charge (When Taken With MSW Service)	Commercial Disposal Rates for Company Owned Containers (per Pickup, Non-Compacted Material)	Referenced Service Level Ordinances
Sanitary Service Co., INC., d.b.a. Sanitary Service Co., INC and Recycling Services, INC.	Southwestern portion of Whatcom County	G-14	6	Y	Y	N	20 gallon mini-can \$9.06; 32 gallon can/unit \$11.09; 60 gallon toter \$14.92; 64 gallon toter \$14.92; 90 gallon toter \$23.58; 96 gallon toter \$23.58; Multi can/unit service up to 2.	\$2.45	32 gallon toter \$2.09; 60 gallon toter \$3.18; 64 gallon toter \$3.18; 90 gallon toter \$5.01; 96 gallon toter \$5.01; 1 yard dumpster \$11.00; 1.5 yard dumpster \$16.00; 2 yard dumpster \$21.00; 3 yard dumpster \$31.00; 4 yard dumpster \$41.00; 6 yard dumpster \$61.00; 8 yard dumpster \$81.00	Whatcom County Ordinance # 90-95

**Notes:**

**SINGLE FAMILY RESIDENTIAL SERVICE:** None

**COMMERCIAL SERVICE:** The City of Ferndale is excluded from this service in this tariff.

Blaine-Bay Refuse, Inc.	Northwest corner of Whatcom County	G-145	3	Y	Y	N	20 gallon mini-can \$7.50; 30 gallon toter \$10.50; 60 gallon toter \$14.30; Multi-unit service up to 2 offered for 30 and 60 gallon units only.	\$2.85	60 gallon toter \$3.95; 90 gallon toter \$5.30; 1 yard dumpster \$12.35; 1.5 yard dumpster \$17.35; 2 yard dumpster \$22.75; 3 yard dumpster \$32.30	Whatcom County Ordinance # 2001-041
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**Notes:**

None

Point Distributors Inc. DBA Point Recycling and Refuse	Western most tip of Whatcom County (e.g. Point Roberts)	G-155	4	Y	Y	N	20 gallon mini-can \$7.00; 32 gallon can/unit \$15.00; Multi can/unit service up to 3 offered.	\$5.21	1 yard dumpster \$16.00; 1.5 yard dumpster \$24.00	Whatcom County Ordinance #90-95; Whatcom County Code 8.10 is also mentioned in relation to recycling.
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**Notes:**

None

Nooksack Valley Disposal Inc.	North central portion of Whatcom county surrounding Lynden	G-166	3	Y	Y	N	32 gallon can/unit \$14.37; 68 gallon toter \$20.50; Multi-unit service up to 2 offered for 32 and 68 gallon units.	\$3.86	1 yard dumpster \$16.10; 1.5 yard dumpster \$20.75; 2 yard dumpster: \$25.00	Whatcom county Ordinance 90-96
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**Notes:**

**SINGLE FAMILY RESIDENTIAL SERVICE:**

**COMMERCIAL SERVICE:**



### General Notes for WUTC table on previous page

- The above solid waste carrier information is portrayed **for WUTC regulated solid waste carriers only.**
- Categories of solid waste customers defined by the WUTC include: single family residential, multi-family residential and commercial. **Multi-family rates are not depicted here.**
- Categories of commercial solid waste collection service as defined by the WUTC include: "Container Service - Non-Compacted - Company-owned container"; "Container Service - Non-Compacted - Customer-owned container"; "Container Service - Compacted - Company-owned container"; "Container Service - Compacted - Customer-owned container"; "Drop Box Service - Non-Compacted - Company-owned drop box"; "Drop Box Service - Non-Compacted - Customer-owned drop box"; "Drop Box Service - Compacted - Company-owned drop box"; "Drop Box Service - Compacted - Customer-owned drop box". **The only Commercial rates provided here are: "Container Service - Non-Compacted - Company-owned container".**
- According to statute, Washington State cities have the authority to contract for solid waste hauling services and associated billing, or to provide their own municipal collection service. Counties have not been granted this option by the legislature. However, statute does direct the WUTC to require regulated solid waste collection companies to comply with the service levels set in the local solid waste management plan. The WUTC defines the service area and monetary collection rates for private firms that service all county residents, as well as for private firms that service those municipalities which do not provide garbage collection service or contract for such service.
- **Of the 280 cities in Washington, 187 take advantage of their option to contract for service or provide their own service. Consequently, the WUTC regulates the solid waste haulers that service approximately 49% of the state's population.** (This includes 40% of the state's population that resides in unincorporated areas, and 9% of the state's population that resides in incorporated areas.)
- Currently, there appears to be no complete tabulation of solid waste collection rates charged to residents of Washington State municipalities is available, and thus there is incomplete knowledge of the direct economic impacts of solid waste disposal on approximately 51% of the state's population.
- [A Certificate \(or "G-permit\) means the certificate of public convenience and necessity issued by the Washington Utilities and Transportation Commission](#) under the provisions of chapter 81.77 RCW for the operation of solid waste collection companies.
- A tariff names rates for the collection, transportation, and disposal of solid waste, and if noted, recycling and yard waste (a document outlining rates, terms and conditions for providing service.) While the G-permit provides an overall legal description of the geographical area in which a carrier is allowed to operate, a tariff defines rates for services and service areas within the geographical area defined in the G-permit. Further, tariffs define the rates a permitted solid waste carrier charges to its residential, multifamily and commercial customers

# Major Public Works and Jurisdictional Health Department Solid Waste Activities in Whatcom County, 2003

Activity Category and Local Program	X = Present	Clarifying Comments as Needed
<b>Composting</b>		
Home Composting	X	Composting classes
Master Composter	X	Cooperative agreement with WSU
Native Planting/Xeriscaping		
Mulching Mower/Grasscycling	X	some education on website
Master Gardener	X	Cooperative agreement with WSU
Curbside Yard Waste Collection	X	Fixed Facility only- Clean Green Facility
Fixed Wood Chipping Operations		
Mobile Wood Chipping Operations		
Agricultural Waste Management and Technical Assistance	?	
Food Composting Programs		
Rate Structures Encourage Yard Waste Diversion	X	Free disposal at Clean Green Facility
<b>Built Environment</b>		
Building Industry Education Program		
Green Building Codes and or Policy		
Building Material Reuse/Exchange Program	X	Re Store
Demonstration Buildings		
Green Building Certification Programs		
Green Built Recognition (Construction Works)		
<b>Residential Waste Reduction and Recycling (WRR)</b>		
Public Education and Program Promotion	X	
Curbside recycling	X	
Drop box recycling	X	5 drop boxes
School Recycling Program	X	Re Sources
Special Collection Events	X	
Rate Structures that Encourage Recycling	X	
Waste Exchange Program		
Waste Reduction Program	X	
<b>Commercial Waste Reduction &amp; Recycling</b>		
Commercial Recycling Education Program	X	EnviroStars
Curbside Recycling	X	
Rate Structure that Encourages Recycling	X	
Waste Exchange Program		
On-site Commercial Waste Audits	X	EnviroStars

Activity Category and Local Program		X = Present	Clarifying Comments as Needed
Moderate Risk Waste (MRW)			
MRW Fixed Facility		X	Disposal of Toxics/ Swap Shop
MRW Mobile or Satellite Programs			
MRW Collection Events		X	
Toxics Reduction Education and Outreach		X	
On-site Business Small Quantity Generator SQG/MRW Audits		X	EnviroStars
Conditionally Exempt Small Quantity Generator (CESQG) collection		X	
Persistent Bioaccumulative Toxins (PBT)			
Pesticide Reduction Education for the Public			
Pesticide Reduction Education for Business			
Mercury Reduction Education for the Public			
Mercury Reduction Education for Business			
Partnerships			
Product Stewardship - Electronics		X	Commercial Recycling Services
Product Stewardship - Mercury			
Product Stewardship - Pesticides			
Product Stewardship - Solid Waste			
Regional Programs - All Categories	Please List:		
Solid Waste Enforcement			
Illegal Dumping Prosecution		X	Complaints
Illegal Dumping Prevention		X	
Mandatory Collection Service			
Enforcing Solid Waste Codes		X	
Permit Reviews		X	Plan Reviews too
Ensuring Compliance at Permitted Solid Waste Facilities		X	
Ensuring Compliance at Permitted Land Application Sites		X	

**Additional Comments:**

## Diversion, Recycling , Moderate Risk Waste and Waste Disposal

2001 Materials Collected for Recycling & Diversion in Whatcom County as reported to the Washington State Department of Ecology by 43 Collectors (Material Sources = Commercial and Residential)				Sites in Whatcom County Accepting Specific Recyclable Materials in 2003 (Commercial &/or Residential)		
Reported Materials Collected for Recycling in Whatcom County		Reported Materials Diverted From Disposal in Whatcom County		Material	# in County	# in State
X	Aluminum Cans	X	Antifreeze	Appliances	9	176
	Aseptic Packaging	X	Asphalt and Concrete	Batteries	18	372
	Computers		Asphalt Roofing Shingles	CDL Construction Debris	14	159
X	Container Glass		Bricks	Electronics	4	48
X	Corrugated Paper	X	Composting Furnish	Glass	7	329
X	Ferrous Metals		Computer (Refurbished)	HHW Household Hazardous Waste	2	63
	Fluorescent Light Bulbs	X	Construction & Demolition Debris	Metals	13	466
X	Food Waste (post-consumer)		Food Processing Waste	Used oil	7	508
	Ground Rubber (from retreads)		Household Batteries	Paper	11	461
X	Gypsum		Incinerator Ash	Plastic	12	394
X	HDPE Plastics		Industrial Batteries	Other/misc.	4	133
X	High Grade	X	Land Clearing Debris	<b>Note:</b> In this report, "site" refers to a physical location to which households and/or businesses can take a material for recycling. An individual site often accepts more than one type of material; therefore, along the line for a given county, adding the figures below each material heading will result in a sum greater than the figure under "Total Sites".		
X	LDPE Plastics	X	Oil Filters			
X	Mixed Waste Paper		Paint			
X	Newspaper	X	Rail Road Ties			
X	Non-Ferrous Metals		Rebound Carpet Pad			
X	Other Recyclable Plastics	X	Reuse-Clothing & Household Items			
	Other Rubber Materials (Shoes)	X	Reuse - Construction & Demolition			
X	PET Bottles	X	Reuse – Miscellaneous Items			
	Photographic Film		Sweepings and Grit			
X	Rendering		Tires (for Energy Recovery			
X	Textiles (rags, clothing, etc.)		Tires (Reused/Resold)			
X	Tin Cans	X	Used Oil for Energy Recovery			
X	Tires					
X	Used Oil					
X	Vehicle Batteries					
X	White Goods					
X	Wood Waste					
X	Yard Waste					

### 2001 Participant levels and amounts of HHW and total MRW collected by Whatcom County, as reported to the Washington State Department of Ecology

	County Totals	Washington State Totals	County Percentage of State Total
County	Whatcom		
County Population (from <a href="http://www.census.gov">http://www.census.gov</a> )	170,600	5,970,247	2.86
Total HHW lbs (no Used Oil)	788,001	15,638,009	5.04
Used Oil lbs. (see note 1)	74,622	11,280,112	0.66
CESQG lbs.	55,127	978,732	5.63
MRW lbs.	917,750	27,896,853	3.29
Number of County Housing Units (see note 2)	75,603	2,511,054	3.01
MRW lbs./housing unit	12.14		
Total HHW Participants	4,481	148,697	3.01
% Participation	0.06		
HHW Cost/Participant	\$44.63		

Note 1: "US pounds - used oil collected at specific used oil sites"

Note 2: "H.U. Housing Units equals number of households taken from Office of Financial Management, 2001 Data Book"

Note 3: "NR - Not Reported"

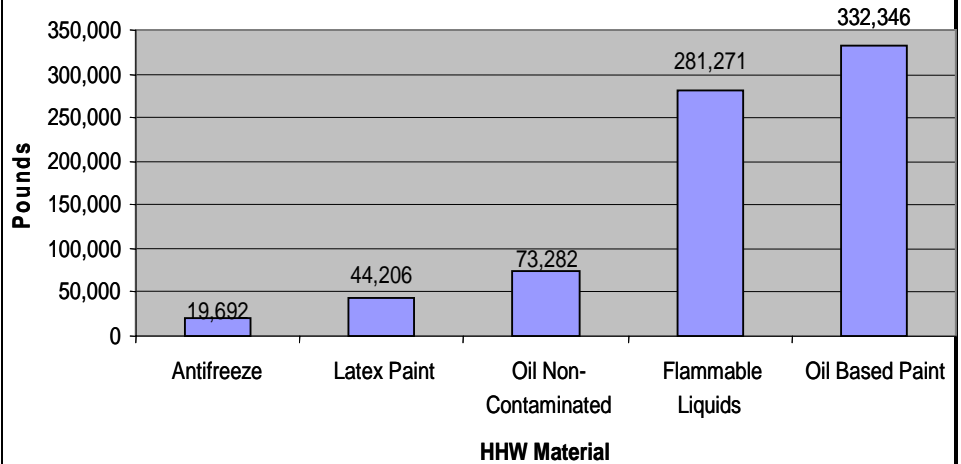
Note 4: "NA - Not applicable because data not reported"

## 2001 Specific Waste Types Collected by Whatcom County: HHW & CESQG (Pounds)

Waste Type	Pounds HHW Collected	Pounds CESQG Collected
Acids	1,329	237
Acids, aerosols	—	—
Antifreeze	19,692	2759
Bases	453	766
Bases, aerosols	14	—
CFC/ Freon	—	—
CFC/ Freon filters	—	—
Chlorinated Solvents	1,002	665
Batt:N,L,NIMH	260	640
Dry Cell Batteries	116	66
Flammable Solids	5,116	262
Flammable Liquids	281,271	16019
Flammable Liquids, aerosols	2,472	216
Flammable Liquids Poison	5,658	548
Flammable Liq. Pois.(aerosols)	604	16
Flammable Gas	150	—
Flammable Gas Poison	—	—
Flammable Gas Pois.(aerosols)	—	—
Latex Paint	44,206	400
Lead Acid Batteries	10,849	2731
Oil Based Paint	332,346	7747
Oil Contaminated	—	—
Oil Filters	3,401	529
Oil Filters Crushed	—	—
Oil Non-Contaminated	73,282	20921
Oil with Chlorides	400	—
Oil with PCBs	—	—
Other Dangerous Waste	—	—
Organic Peroxides	67	—
Oxidizers	587	1
Personal Protect. Equip.	—	—
Pesticide/Poison Liq	105	497
Pesticide/Poison Sol	4,588	28
Reactives	—	1
Mercury	33	78
<b>TOTALS</b>	<b>788,001</b>	<b>55,127</b>

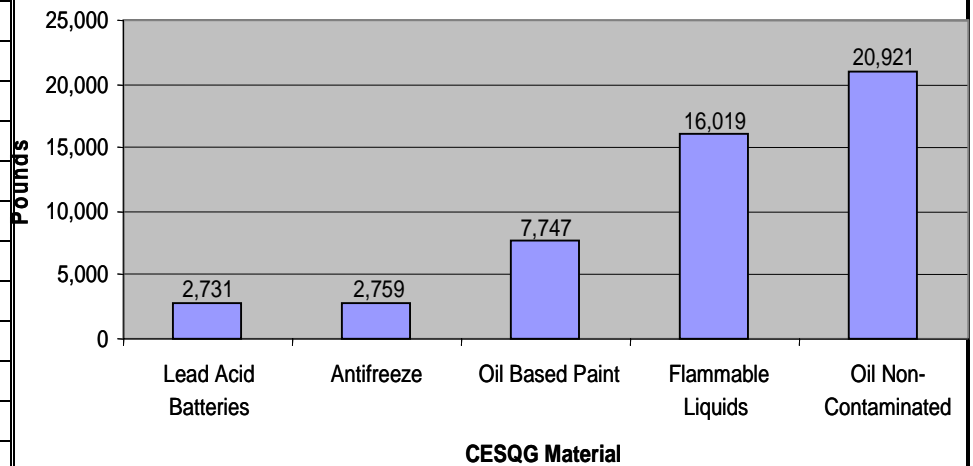
### Five Greatest Household Hazardous Waste (HHW) Materials Collected by Whatcom County, 2001 (Pounds)

(Source: Washington State Department of Ecology)



### Five Greatest Conditionally Exempt Small Quantity Generator (CESQG) Materials Collected by Whatcom County, 2001 (Pounds)

(Source: Washington State Department of Ecology)



## Washington State Litter Tax Funded Litter Program Activity in Whatcom County, 2001

Roads	Interstate	State	County	Total	% of State total	Rank in State		
Center Line Miles	34	178	973	1,185	2.5	16		
Miles Driven (thousands)	1,255	855	734	2,844	2.63	9		
Area (Square Miles)				2,120	3.18	12		
DOT Rating	1999	2000	2001					
	5.0	4.4	4.3					
Litter Program	Hours	Miles	Acres	Number of Dumps	Litter Pounds	Illegal Dump Pounds	Recycle Pounds	Total Pounds
Ecology Youth Corps (EYC)	3,430	163	23	—	29,370	—	3,626	36,612
Community Litter Cleanup Program (CLCP)	2,501	436	6	5	19,458	99,750	26,600	148,756
Department of Corrections (DOC)	48	5	—	—	1,500	—	—	1,553
Department of Natural Resources (DNR)	634	—	1	1	—	34,510	—	35,146
Total	6,613	604	30	6	50,328	134,260	30,226	222,067

*Note: DNR does not report recycling separately.*

Community Litter Cleanup (CLCP) 2002-2003 Grant Cycle: Funding Applied by Task (\$)						Litter Education Efforts, Whatcom County, 2002
Recipients	Task: Litter & Illegal Dumps	Task: Education	Task: Tools & Trucks	Total Contract Amount		Program will attempt to reach 5,000 youth through prevention campaign: “You Otter Not Litter. Major educational outreach occurs at the Northwest Washington Fair in August. Program distributes “You Otter Not Litter” material such as stickers, magnets, water bottles, lunch bags, pencils, and coloring books. ‘Solid Solutions’ newsletter is published two times a year and contains a children’s page. Campaign recruits teachers, volunteer groups, and other community organizations to distribute anti-litter materials and message.
Whatcom Co Public Works	50,000	10,000	21,725	81,725		

### Litter Crew Organization, Whatcom County, 2002

Whatcom will run two clean-up crews with two crew supervisors. Separate crews consist of community volunteers from the Adopt-A-Road/Trail program and county juvenile corrections crews.

**2002 Biosolids Production and Land Application Information in Dry Tons for Whatcom County, (See footnotes)**

Facility Name	Class of Biosolids	Compost Biosolids	Total Biosolids Produced	Total Land Applied	Total Land Applied: by Specific Application Site Categories							Landfilled	Incinerated	Transported to Another Facility	Name of "Transported To" Facility	Received from Another Facility	Name of "Received From" Facility and Associated Dry Tons
					Agricultural Land	Range Land	Forest	Public Contact Site	Reclamation Site	Sold/Given Away	Lawn Garden						
Alcoa Intalco Works			—	—	—	—	—	—	—	—	—	—	—	—		—	
Birch Bay Water & Sewer Dist			153	—	—	—	—	—	—	—	—	—	—	153	Tjoelker Enterprises	—	
Blaine STP	B		59	—	—	—	—	—	—	—	—	—	—	59	Tjoelker Enterprises	—	
Diablo WWTP	B		0.54	—	—	—	—	—	—	—	—	—	—	0.54	Mount Vernon WWTP	—	
Everson WWTP			57.92	—	—	—	—	—	—	—	—	—	—	57.92	Lynden	—	
Ferndale WWTP			—	—	—	—	—	—	—	—	—	—	—	—		—	
Lynden WWTP	A	YES	485	—	—	—	—	—	—	—	—	—	—	485	Tjoelker	—	
Massey Road BUF			—	407.58	407.58	—	—	—	—	—	—	—	—	—		1065.31	Olympia - 838.79, Arlington - 67.99
ctd.			ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	Ace Acme Materials - 158.53
Newhalem WWTP	B		0.52	—	—	—	—	—	—	—	—	—	—	0.52	Mount Vernon WWTP	—	
Post Point WWTP-Bellingham			3861.5	—	—	—	—	—	—	—	—	—	3861.5	—		46.7	Edmonds - 15.94, North Bend - 2.96
ctd.			ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	Lynnwood - 24.0, Coupeville - 3.8
Tenelco, inc.	B		765	765	765	—	—	—	—	—	—	—	—	—		—	

**2002 Biosolids Production and Land Application Information in Dry Tons for Whatcom County, (See footnotes)**

**CONTINUED**

Facility Name	Class of Biosolids	Compost Biosolids	Total Biosolids Produced	Total Land Applied	Total Land Applied: by Specific Application Site Categories							Landfilled	Incinerated	Transported to Another Facility	Name of "Transported To" Facility	Received from Another Facility	Name of "Received From" Facility and Associated Dry Tons
					Agricultural Land	Range Land	Forest	Public Contact Site	Reclamation Site	Sold/Given Away	Lawn Garden						
Tjoelker Enterprises WWTP	B		—	464	464	—	—	—	—	—	—	—	—	—		464	Birch Bay - 104, Blaine - 83, Everson - 71
ctd.			ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	Lummi - 13, Lynden - 98, Darigold - 30 (Total - 399)
Whatcom Cnty Water Dist #13 TP			—	—	—	—	—	—	—	—	—	—	—	—		—	
<b>COUNTY TOTAL</b>			<b>5382.48</b>	<b>1636.58</b>	<b>1636.58</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3861.5</b>	<b>755.98</b>		<b>1576.01</b>	
<b>STATE TOTAL</b>			<b>94972.14</b>	<b>79282.89</b>	<b>57415.12</b>	<b>4417.09</b>	<b>8349.74</b>	<b>174.72</b>	<b>1729.2</b>	<b>4292.72</b>	<b>2904.3</b>	<b>3646.08</b>	<b>14988.03</b>	<b>25840.11</b>		<b>79282.89</b>	

- 1) Data used here are gathered from individual facilities and consolidated into a main database from which this spreadsheet is derived. Referral to the actual report forms is suggested in order to resolve questions or before drawing conclusions.
- 2) Facilities which show zero production are for year 2002 only. Production amounts can vary by large amounts from year to year depending on lagoon cleanout operations, etc.
- 3) For the categories related to TRANSPORT TO and RECEIVED FROM, tonnage sums are totaled and reported in parentheses if the sums are different from that reported by the facility. Reasons for discrepancies are varied and need to be investigated on an individual basis if needed.
- 4) The term "ctd." means that the data for the facility is continued in another column where extra lines were used so that additional data could be included.
- 5) WWTP = Waste Water Treatment Plant; STP = Sewage Treatment Plant; BS = Biosolids; LSP = Lime Stabilization Plant; POTW = Publicly Owned Treatment Works.

## Whatcom County Solid Waste Priorities and Needs for the Near Future:

### Public Works:

1. grant funding
2. increasing our recycling rate
3. maintenance of closed landfills

### Health Department:

1. Mercury Reduction Program Development

## Whatcom County's Projected Solid Waste Income and Spending, 1999 (as compiled by Jeff Kelly-Clarke, Director, Snohomish County Public Works)

### Spending

Total Spending	Waste Handling*	LF Monitoring	Waste Reduction and Recycling	Moderate Risk Waste	Planning	Administration	Debt Service	Other	Capital Facilities/Closure	To Fund Balance	Operating Budget
\$1,139,545	\$0	\$217,410	\$327,500	\$345,333	\$0	\$209,502	\$0	\$39,800	\$0	\$0	\$1,139,545

\* "Waste Handling" includes transfer operations

### Income

Total Revenue	Fees from Disposal	Other service fees	Dist./city fees	Grants	Interest	Fund Balance	Other
\$1,139,545	\$0	\$0	\$736,000	\$273,500	\$0	\$127,045	\$3,000

*Notes:*

## Web Links for Additional County by County Information

Description of Subject Matter	Website Address
State and County Census 2000 Profiles for Washington State	<a href="http://www.census.gov/prod/cen2000/dp1/2kh53.pdf">http://www.census.gov/prod/cen2000/dp1/2kh53.pdf</a>
Washington Trends	<a href="http://www.ofm.wa.gov/trends/index.htm">http://www.ofm.wa.gov/trends/index.htm</a>
Variety of County and City Data	<a href="http://www.ofm.wa.gov/localdata/index.htm">http://www.ofm.wa.gov/localdata/index.htm</a>